

**TOPOGRAPHIC SURVEY CONTROL POINT RECORD**

STATION LONG NAME	MU26
STATION NUMBER	MU26
4 CHAR ID	MU26
COUNTRY	IRAQ
LOCATION	AS SAMAWAH
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	04 JULY 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

**RECORD OF VISITS**

DATE OF VISIT	NAME	UNIT	REMARKS

**ADDITIONAL DETAILS/ENCLOSURES**

CONTENTS	NO OF PAGES

## **FIELD COORDINATE VALUES**

<b>STATION LONG NAME</b>	<b>MU26</b>
<b>4 CHAR ID</b>	<b>MU26</b>
<b>STATION NUMBER</b>	<b>MU26</b>

<b>THIS STATION IS NEW</b>	<b>YES</b>
<b>IDENTICAL / NEARLY IDENTICAL WITH</b>	<b>N/A</b>

### **FIELD VALUES** **FROM THE RECEIVER / HAND HELD GPS – IN WGS84**

<b>LATITUDE N</b>	<b>31° 18' 54.8"</b>
<b>LONGITUDE E</b>	<b>045° 17' 48.9"</b>
<b>HT (M)</b>	<b>+4</b>
<b>GRID ZONE DESIGNATOR</b>	<b>38R</b>
<b>UTM / MGRS GRID</b>	<b>38R NV 28248 64573</b>
<b>SURVEYING AGENCY</b>	<b>IGRS</b>

<b>FIELD INPUT BY: SPC CHAMBERS</b>	<b>UNIT: IGRS</b>	<b>DATE: 04 JUL 2005</b>
<b>FIELD CHECKED BY: SGT. O'NEAL</b>	<b>UNIT: IGRS</b>	<b>DATE: 04 JUL 2005</b>

## OFFICE COORDINATE VALUES

### WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	31° 18' 54.72364"
LONGITUDE E	045° 17' 48.57589"
SPHEROIDAL HT (M)	6.123
EGM96 GEOID MODEL HT (M)	-7.766
ORTHOMETRIC HT (M)	13.889
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY	0.067
RELATIVE HEIGHT ACCURACY	0.057
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

### LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
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AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

## STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: MU26	
STATION NUMBER: MU26	4 CHAR ID: MU26
LOCATION: AS SAMAWAH	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 22

**MONUMENT PHOTO / SKETCH**

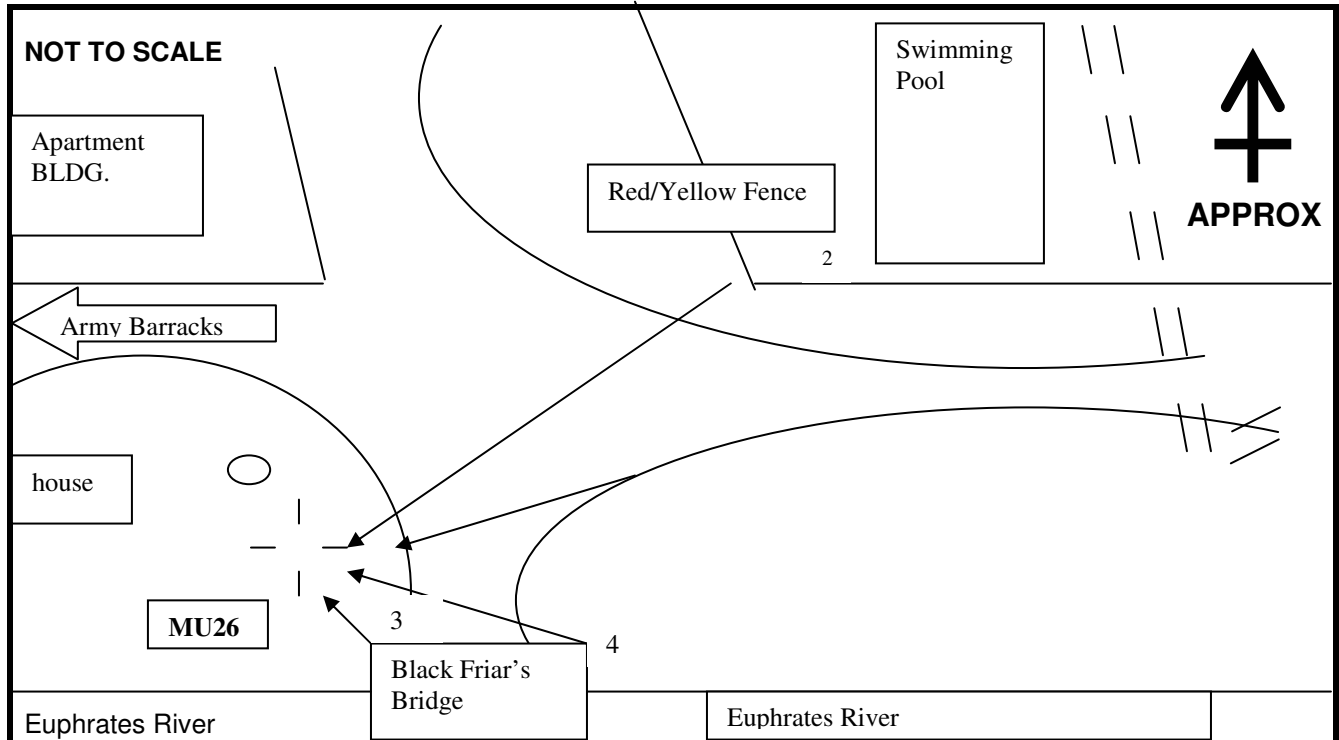
PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 04 JULY 2005

# STATION DIAGRAM

STATION LONG NAME: MU26

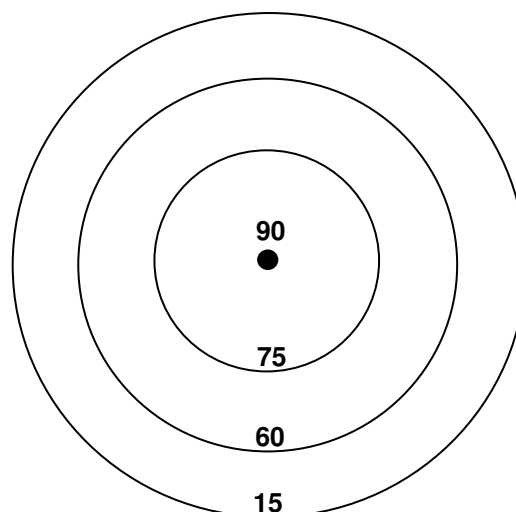
STATION NUMBER: MU26

4 CHAR ID: MU26



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	CNR. OF MAIN INTERSECTION	216°	24.1M
2	SE CNR. OF RED/YELLOW WALL	224°	58.1M
3	NW CNR. OF 'BLACK FRIARS' BRIDGE	339°	27.7M
4	NE CNR. OF 'BLACK FRIARS' BRIDGE	328°	30.7M

## OBSCURITY DETAILS



PREPARED BY: SPC CHAMBERS	UNIT: IGRS	DATE: 04 JULY 2005
CHECKED BY: SGT. O'NEAL	UNIT: IGRS	DATE: 04 JULY 2005

# ACCESS MAP

STATION LONG NAME: MU26

STATION NUMBER: MU26

4 CHAR ID: MU26

MAP DETAILS

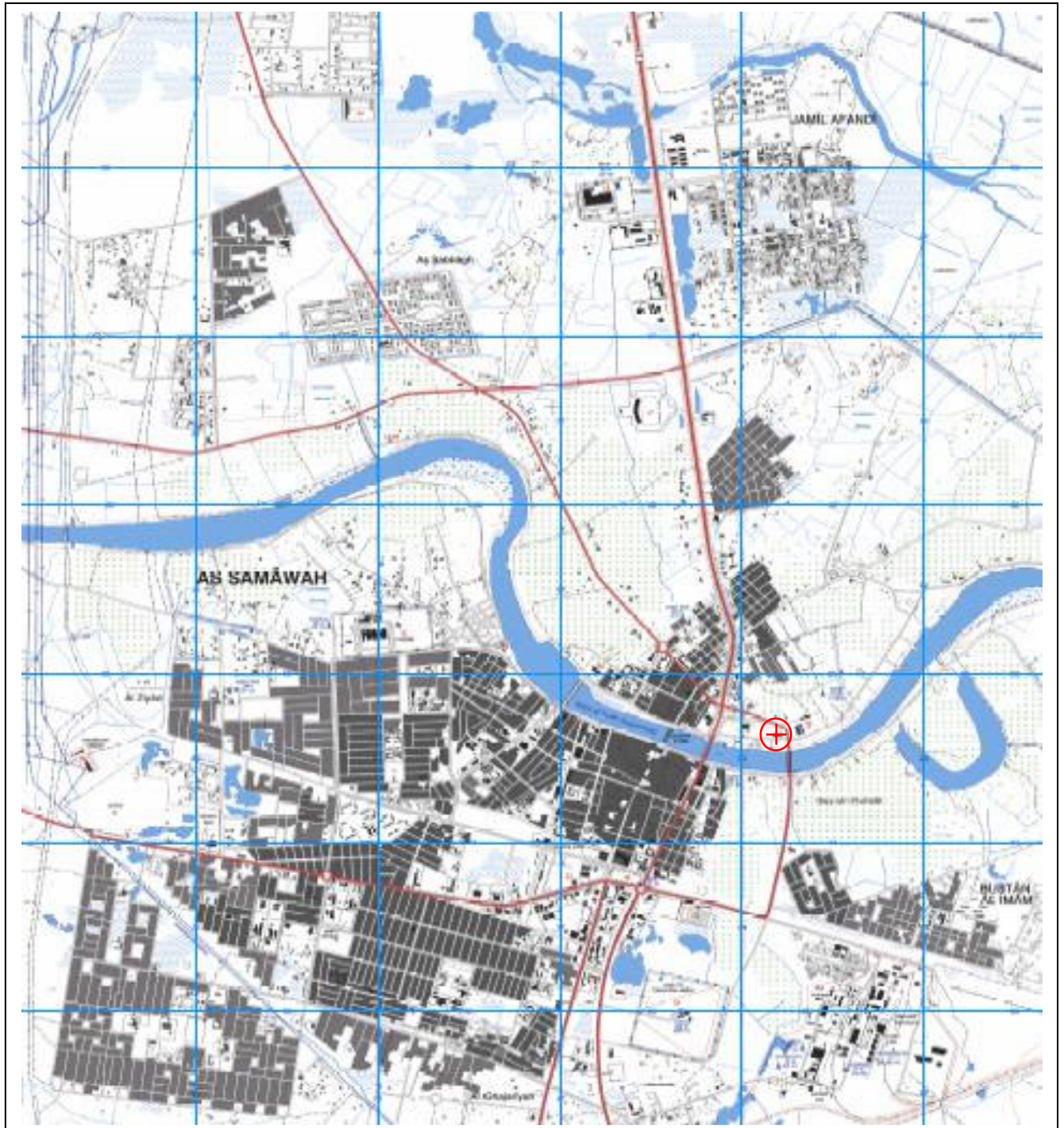
SERIES: N/K

SHEET: N/K

EDITION: N/K

SCALE: N/K

GR: 38R NV 28248 64573



PREPARED BY: SPC CHAMBERS

UNIT: IGRS

DATE: 04 JULY 2005

CHECKED BY: SGT. O'NEAL

UNIT: IGRS

DATE: 04 JULY 2005

## ACCESS DESCRIPTION

<b>STATION LONG NAME: MU26</b>	
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<b>MAP DETAILS</b>	<b>SERIES: N/K</b>	<b>SHEET: N/K</b>
<b>EDITION: N/K</b>	<b>SCALE: N/K</b>	<b>GR: 38R NV 28248 64573</b>

At grid 38R NV 3045 6004, travel west (turn left) onto main road.

Travel west on road and then North into the city of As Samawah, travel 3km until crossing over Westminster Bridge at grid 38R NV 278645. Travel over the bridge, until reaching Intersection at grid 38R NV 2781 6452, turn right (East), proceed approximately 350 meters, veer right until reaching 'Black Friar's Bridge, the survey monument will be located on right-hand side, 28 meters short of the bridge, at grid 38R NV 28248 64573.

<b>PREPARED BY: SPC CHAMBERS</b>	<b>UNIT: IGRS</b>	<b>DATE: 04 JULY 2005</b>
<b>CHECKED BY: SGT. O'NEAL</b>	<b>UNIT: IGRS</b>	<b>DATE: 04 JULY 2005</b>



# APPROACH PHOTOGRAPHS

STATION LONG NAME: MU26	
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## NEAR APPROACH FACING SOUTH



## FAR APPROACH FACING SOUTH



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
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# CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU26	
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**NORTH**



**SOUTH**



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
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# CARDINAL PHOTOGRAPHS

STATION LONG NAME: MU26	
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**EAST**



**WEST**



TAKEN BY: SPC. CHAMBERS	DATE TAKEN: 04 JULY 2005
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